## CLAIMS

- [1] A binder for an electric double layer capacitor electrode, comprising a polymer which can give a polymer film having a tensile stress of 2 MPa or less when the film is elongated at the ratio of 100% and having the elongation at break of 450% or more.
- [2] The binder according to claim 1, wherein the polymer is a polymer comprising a monomeric unit obtained by polymerizing a compound represented by the following general formula (1) in a total amount of 60% or more by weight:  $CH_2 = CR^1 COOR^2 \ (1) \ (\text{wherein } R^1 \text{ represents a hydrogen atom or a methyl group, and } R^2 \text{ represents an alkyl group or a cycloalkyl group)}.$
- [3] The binder according to claim 1, wherein the polymer has a crosslinkable functional group.
- [4] The binder according to claim 3, wherein the crosslinkable functional group is an N-methylolamide group.
- [5] The binder according to claim 3, wherein the crosslinkable functional group is the combination of a sulfonic acid group or a salt thereof and an epoxy group.
- [6] A binder composition for an electric double layer capacitor electrode, wherein the binder as claimed in claim 1

is dispersed in water.

- [7] A slurry composition for an electric double layer capacitor electrode, comprising the binder composition as claimed in claim 6 and an active material for an electrode.
- [8] An electrode for an electric double layer capacitor, wherein an electrode layer comprising the binder as claimed in claim 1 and an active material for an electrode are bound to a current collector.
- [9] A method for producing an electrode for an electric double layer capacitor, comprising the steps of:
  applying the electrode slurry composition as claimed in claim 7 to a current collector, and then drying the composition.
- [10] The method for producing an electrode for an electric double layer capacitor according to claim 9, further comprising the step of pressing the composition after drying thereof.
- [11] The method for producing an electrode for an electric double layer capacitor according to claim 10, further comprising the step of heating the composition at 150 to 250°C.
- [12] An electric double layer capacitor, comprising the electrode as claimed in claim 8.